EnGenius®

DATASHEET

SN356

Long Range Cordless Phone

1-Line Analog Long Range Cordless

- High Power，Long Range
- Frequency Band：268~394MHz (F9)
- FSK/DTMF Caller ID
- Handset Speakerphone
- Multi-Languages Display (English, Russia, Arabic, Turkey, Spanish)
- Walkie-Talkie Between Handsets
- Full Duplex Intercom Between Base And Handset

Features

- Product Concept：1-Line, Analog Long Range Cordless, Cordless HS w/SPK
- Market：3rd World Countries
- Market Segment：SOHO/Residential
- Frequency Band：268MHz ~ 394MHz
- Range：8 - 15Km
- Multi-channel with auto-scan
- # of Expandable Handset：99
- Single Color LCD(Orange)
- Walkie-talkie between H/S
- Selectable Ring & Page Tone：15
- H/S with speakerphone function
- H/S with scrolling keys
- Two-way paging & hand-free intercom
- H/ S Custom Name Edit
- 30 CID memory with Time/Date (FSK & DTMF type)
- CID with call waiting (CIDCW)
- Last 10 calls redial on H/S
- 50 Phonebook with name/number on each H/S
- Tone/Pulse dialing mode selectable
- Multi-language display：English / Russian / Arabic / Spanish / Turkish
- LCD and H/S keypad with backlit
- Auto detection of FSK and DTMF CID signal

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- Change channel during Conversation
- 65,536 sets security codes (two-way)
- Flash time programmable
- Ring volume adjustable for H/S
- Voice volume adjustable for H/S
- H/S with power saving function
- Low battery alert and display
- Built- in voice security circuit (Scrambler)
- Auto answer and auto hang up
- Out-of-range alert
- Battery charge indicator
- Fast charge
- Adjustable Keypad volume on H/S
- Auto power control designed
- H/S key
    - Talk
    - End
    - Power on/off：Built-in “End”
    - Flash：Built-in “Talk”
    - Up/Down
    - Softkey x 2
    - Redial (Built-in “Up”)
    - Phonebook (Built0in “Down”)
    - Intercom
    - PTT
    - Speakerphone
    - Caller ID
    - 0~9, ＊,#
- B/S key
    - Volume Up
    - Volume Down
    - Intercom
- B/S LED
    - Power
    - In-Use

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Specifications			
		Base station	Handset
Transmitter			
Frequency		394 MHz	268 MHz
Output power		1 W	450 m W
Spurious emission		55 dBc	55 dBc
Current consumption	Stand-by	100 mA	10 mA
	Talk	600 mA	420 mA
Receiver			
Frequency		268 MHz	394 MHz
Sensitivity at 12 dB SINAD (CCITT)		-122dBm	-121dBm
Adjacent channel rejection		50 dBc	50 dBc
Spurious response		55 dBc	55 dBc
Power source		AC 110V/220V, 50/60 Hz DC 12V/800mA	3.7V/1050 mAh Li-Ion Battery